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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known													
Sheet 1 of 3		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 40%;">Application Number</td> <td>09/756,617</td> </tr> <tr> <td>Filing Date</td> <td>January 8, 2001</td> </tr> <tr> <td>First Named Inventor</td> <td>Louis B. ROSENBERG</td> </tr> <tr> <td>Group Art Unit</td> <td>2675</td> </tr> <tr> <td>Examiner Name</td> <td>Paul A. Bell</td> </tr> <tr> <td>Attorney Docket Number</td> <td>IMMR-039/01US</td> </tr> </table>				Application Number	09/756,617	Filing Date	January 8, 2001	First Named Inventor	Louis B. ROSENBERG	Group Art Unit	2675	Examiner Name	Paul A. Bell	Attorney Docket Number	IMMR-039/01US
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U.S. PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY		
		Number	Kind Code ² (if known)				
PAB	A1	5,785,630		Bobick, et al.	07/28/1998		
PAB	A2	5,766,016		Sinclair et al.	06/16/1998		
PAB	A3	5,547,382		Yamasaki et al.	08/20/1996		
PAB	A4	5,466,213		Hogan et al.	11/14/1995		
PAB	A5	5,334,027		Wherlock	08/02/1994		
PAB	A6	5,309,140		Everett, Jr., et al.	05/03/1994		
PAB	A7	5,299,810		Pierce et al.	04/05/1994		
PAB	A8	5,275,174		Cook	01/04/1994		
PAB	A9	5,271,290		Fischer	12/21/1993		
PAB	A10	5,240,417		Smithson et al.	08/31/1993		
PAB	A11	5,212,473		Louis	05/18/1993		
PAB	A12	5,078,152		Bond et al.	01/07/1992		
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Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)			
PAB	B1		0 349 086	A1	Stork Kwant B.V.	01/03/1990	

¹ Unique citation designation number.

² See attached Kinds of U.S. Patent Documents.

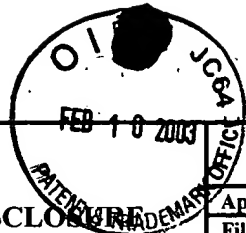
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⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.

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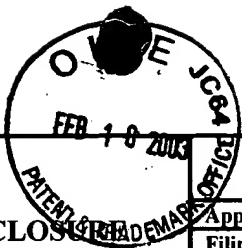
Sheet	2	of	3
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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
PAB	C1	Baigrie, "Electric Control Loading - A Low Cost, High Performance Alternative," <i>Proceedings of Interservice/Industry Training Systems Conference</i> , pp. 247-254, November 6-8, 1990	
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PAB	C4	Brooks et al., "Hand Controllers for Teleoperation - A State-of-the-Art Technology Survey and Evaluation," <i>JPL Publication 85-11</i> , NASA-CR-175890; N85-28559, pp. 1-84, 03/1/1985	
PAB	C5	Jones et al., "A perceptual analysis of stiffness," ISSN 0014-4819 Springer International (Springer-Verlag); <i>Experimental Brain Research</i> , Vol. 79, No. 1, pp. 150-156, 1990	
PAB	C6	Burdea et al., "Distributed Virtual Force Feedback, Lecture Notes for Workshop on Force Display in Virtual Environments and its Application to Robotic Teleoperation," 1993 <i>IEEE International Conference on Robotics and Automation</i> , pp. 25-44, 05/02/1993	
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PAB	C9	Tadros, "Control System Design for a Three Degree of Freedom Virtual Environment Simulator Using Motor/Brake Pair Actuators," <i>MIT Archive</i> , pp. 1-88, February 1990, archived 8/13/90	
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PAB	C26	Howe, "A Force-Reflecting Teleoperated Hand System for the Study of Tactile Sensing in Precision Manipulation," <i>Proceedings of the 1992 IEEE International Conference on Robotics and Automation</i> , Nice, France, May 1992	
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27

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<i>PAB</i>	C28	Rabinowitz et al., "Multidimensional tactile displays: Identification of vibratory intensity, frequency, and contractor area," <i>Journal of The Acoustical Society of America</i> , Vol. 82, No. 4, October 1987	
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<i>PAB</i>	C30	Bejczy et al., "A Laboratory Breadboard System For Dual-Arm Teleoperation," <i>SOAR '89 Workshop, JSC</i> , Houston, TX, July 25-27, 1989	
<i>PAB</i>	C31	Ouhyoung et al., "A Low-Cost Force Feedback Joystick and Its Use in PC Video Games," <i>IEEE Transactions on Consumer Electronics</i> , Vol. 41, No. 3, August 1995	
<i>PAB</i>	C32	Marcus, "Touch Feedback in Surgery," <i>Proceedings of Virtual Reality and Medicine The Cutting Edge</i> , Sep. 8-11, 1994	
<i>PAB</i>	C33	Bejczy, et al., "Universal Computer Control System (UCCS) For Space Telerobots," CH2413-3/87/0000/0318501.00 1987 IEEE, 1987	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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